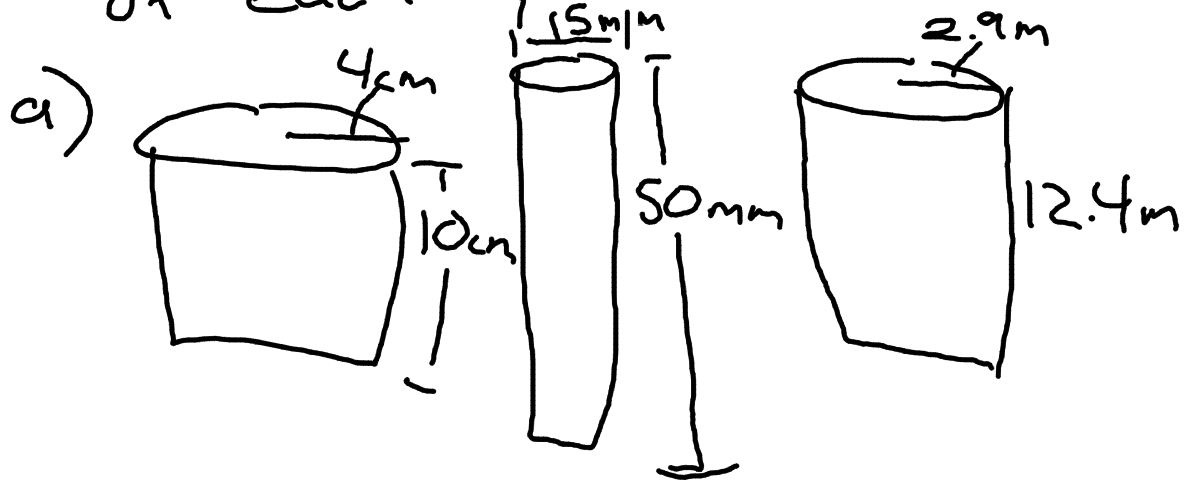


Homework:  
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1. Calculate the volume of each cylinder.



2. A candle mould is cylindrical. Its radius is 5 cm and its height is 20 cm. What is the capacity of the mould?

3. Frozen apple juice comes in cylindrical cans.

A can is 12 cm high and has a radius of 3.5 cm

a) What is the capacity of the can? (Capacity is Volume)

b) Apple juice expands when it freezes.

The can is filled to 95% of its volume.

What is the volume of the juice in the can.

4. A core sample of earth is cylindrical.

The length of the core is 300 mm.

Its diameter is 150 mm.

Calculate the volume of earth in cubic mm and cubic cm.